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TOWNSEND and TOWNSEND and CREW

By

*Kim M. Hoplen*1c169 U.S. PTO
08/980400

PATENT

Attorney Docket No. 13952A-005321US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)

Andrzej Z. Sledziewski,)

Lillian A. Bell, and)

Wayne R. Kindsvogel)

Serial No.: Unassigned)

Parent Serial No. 08/477,329)

Filed: Herewith)

Parent Filed: June 7, 1995)

For: METHODS OF PRODUCING)
 SECRETED RECEPTOR ANALOGS)
 AND BIOLOGICALLY ACTIVE)
 DIMERIZED POLYPEPTIDE)
 FUSIONS)

Examiner: Unassigned
 Parent Exr: C. Kaufman

Art Unit: Unassigned
 Parent Art Unit: 1812

INFORMATION DISCLOSURE
STATEMENT

Box Patent Application
 Assistant Commissioner for Patents
 Washington, D.C. 20231

Sir:

Applicants direct the Examiner's attention to the references below, also listed on the accompanying Form PTO-1449. This application is a divisional and relies, under 35 U.S.C. § 120, on the earlier filing date of prior application USSN 08/477,329, filed on June 7, 1995; which is a continuation of USSN 08/180,195, filed January 11, 1994, issued as U.S. Patent No. 5,567,584; which is a file wrapper continuation of USSN 07/634,510, filed December 27, 1990; which is a continuation-in-part of USSN 07/347,291, filed May 2, 1989, issued as U.S. Patent No. 5,155,027; which is a

continuation-in-part of USSN 07/146,877, filed January 22, 1988, now abandoned. The references listed on the attached form PTO-1449 were submitted to and/or cited by the Office in these prior applications and, therefore, are not required to be provided in the present application pursuant to 37 CFR 1.98(d).

The following U.S. Patents are set forth below:

U.S. Patent No. 4,766,073, issued 8/23/88

U.S. Patent No. 4,599,311, issued 7/8/86

U.S. Patent No. 4,816,567, issued 3/28/89

U.S. Patent No. 4,816,397, issued 3/28/89

U.S. Patent No. 4,474,893, issued 10/2/84

U.S. Patent No. 4,761,371, issued 8/2/88

U.S. Patent No. 5,116,964, issued 5/26/92

U.S. Patent No. 5,015,571, issued 5/14/91

The following foreign patent publications are set forth below:

EP 173 494, published 3/5/86

WO 86/01533, published 3/13/86

EP 088 994, published 9/21/83

EP 239 400, published 9/30/87

EP 162 319, published 11/27/85

EP 171 496, published 2/19/86

EP 256 654, published 2/24/88

EP 315 062, published 5/10/89

EP 116 201, published 8/22/84

EP 120 694, published 10/3/84

EP 327 369 A2, published 8/9/89

EP 244 221 A1, published 11/4/87

WO 90/06953, published 6/28/90

The following articles are set forth below:

Kuwana et al., Biochemical and Biophysical Research Communications 149(3): 960-968, 1987.

Yarden et al., Nature 323:226-232, 1986.

Hart et al., Science 240:1529-1531, 1988.
 Escobedo et al., Science 240:1532-1534, 1988.
 Heldin et al., EMBO J. 7:1387-1393, 1988.
 Radeke et al., Nature 325:593-597, 1987.
 Ebina et al., Cell 40:747-758, 1985.
 Rubin et al., J. Immun. 135:3172-3177, 1985.
 Ellis et al., J. Cell Biol. 150:14a, 1987.
 Smith et al., Science 238:1704-1707, 1987.
 Livneh et al., J. Biol. Chem. 261:12490-12497,
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Boni-Schnetzler and Pilch, Proc. Natl. Acad. Sci. USA 84:7832-7836, 1987.

Claesson-Welsh et al., Mol. Cell. Biol. 8:3476-3486, 1988.

Ullrich et al., Nature 309:418-425, 1984.
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 Derynck et al., Nature 316:701-705, 1985.
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Maddon et al., Cell 47:333-348, 1986.
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 76:1035-1039, 1979.
 Broach et al., Gene 8:121-133, 1979.
 Mariuzza and Winter, J. Biol. Chem. 264:7310-
 7316, 1989.
 Gronwald et al., Proc. Natl. Acad. Sci. USA
 85:3435-3439, 1988.
 Riedel et al., Protein Engineering 1(3):237,
 1987.

It is respectfully requested that the cited
 information be expressly considered during the prosecution of
 this application, and the references be made of record therein
 and appear among the "references cited" on any patent to issue
 therefrom.

Applicants believe that their invention as claimed
 is patentable over the above references taken alone or in any
 combination. However, Applicants reserve the right to
 demonstrate that their claimed invention was made prior to any

one or more of the above-identified references. No inference should be drawn as to the pertinence of the references based on the order in which they are presented.

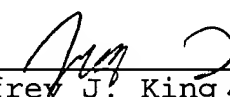
Applicants respectfully request that the Examiner review the foregoing references to make her own determination of the patentability of the present invention and that the references be made of record in the file of this application.

Although no fee is believed to be due, the Commissioner is hereby authorized to charge any fees necessitated by this transmittal to Townsend and Townsend Deposit Account No. 20-1430.

Respectfully submitted,

Date: November 26, 1997

By:


Jeffrey J. King
Reg. No. 38,515

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, CA 94111-3834
(206) 467-9600

JJK/kg
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